

PHOTOGRAPHIC
INTERPRETATION
REPORT

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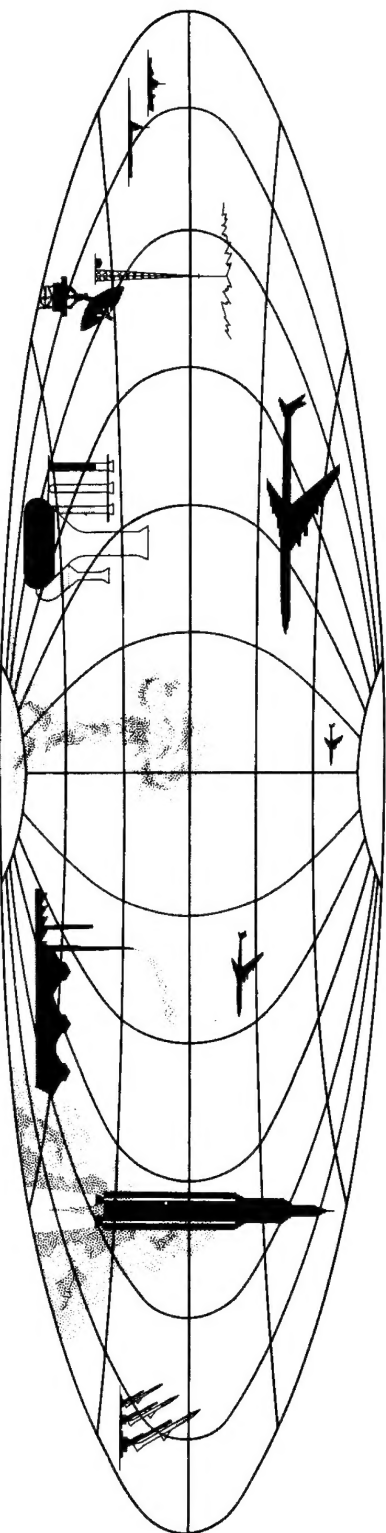
MISSION COVERAGE INDEX

MISSION RB 10-22, 14 NOVEMBER 1964
MISSION RB 10-24, 17 NOVEMBER 1964
MISSION RB 10-27, 19 NOVEMBER 1964

NPIC/R-1661/64
December 1964



NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
Excluded from automatic
downgrading and declassification

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PREFACE

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY OF RUNNING BEAR MISSIONS 10-22, 14 NOVEMBER 1964, 10-24, 17 NOVEMBER 1964 AND 10-27, 19 NOVEMBER 1964, COVERING THE REPUBLIC OF CONGO (LEOPOLDVILLE) AND RWANDA.

THIS MCI IS DIVIDED INTO TWO SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA, AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO

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REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES Z901, SCALE 1/200,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-CONGO (LEOPOLDVILLE)-</p> <p>AIR INSTALLATIONS</p> <p>KIGALI AIRFIELD</p> <p>14 NM ESE OF KIGALI.</p> <p>4,500 X 100 FT WNW/ESE PROBABLY GRADED EARTH RUNWAY (2,500 FT SERVICEABLE, AND 2,000 FT BEING RESURFACED AND EQUIPPED WITH DRAINAGE SYSTEM), AND A 40,000-SQ FT PROBABLY GRADED EARTH PARKING APRON.</p> <p>FACILITIES -- ONE ADMINISTRATION BUILDING AND 2 SMALL SUPPORT BUILDINGS.</p> <p>AIRCRAFT -- ONE TWIN-ENGINE TRANSPORT AND 2 LIAISON.</p> <p>[REDACTED]</p>	0158S 03008E	0933	25X1A	12
			[REDACTED]	
<p>KINDU AIRFIELD</p> <p>3 NM NORTH OF KINDU.</p> <p>NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] EXCEPT FOR 6 LARGE SQUAD TENTS, ONE SECURED POL STORAGE AREA AND ONE OTHER STORAGE AREA.</p> <p>AIRCRAFT -- 4 T-28, ONE PROBABLE BEECHCRAFT, ONE TWIN-ENGINE LIAISON AND ONE TWIN-ROTOR HELICOPTER.</p> <p>[REDACTED]</p>	0255S 02554E	0933	25X1A	4
			[REDACTED]	

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
NIOKI AIRFIELD 3 NM NE OF NIOKI. 2,300 X 100 FT WNW/ESE GRADED EARTH RUNWAY, SERVICEABLE. NO FACILITIES OBSERVED. AIRCRAFT -- ONE LIAISON. [REDACTED]	0245S 01740E	0935	25X1A [REDACTED]	2
KENGE AREA, AIRFIELD 33 NM WNW OF KENGE. 3,400 X 175 FT NE/SW GRADED EARTH RUNWAY, SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED. [REDACTED]	0438S 01628E	1027		25
POPOKABAKA AIRFIELD 3.0 NM SOUTH OF POPOKABAKA. 2,300 X 75 FT WNW/ESE GRADED EARTH RUNWAY, SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED. [REDACTED]	0545S 01635E	1027	25X1A [REDACTED]	24
KASONGO LUNDA AIRFIELD 1.0 NM NW OF KASONGO LUNDA. 2,000 X 75 FT NE/SW GRADED EARTH RUNWAY, UNSERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED. [REDACTED]	0628S 01650E	1027	25X1A [REDACTED]	23

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
BULAPE AIRFIELD 1.0 NM NORTH OF BULAPE. TWO 3,000 X 150 FT GRADED EARTH SERVICEABLE RUNWAYS, ONE NW/SE AND ONE NE/SW. FACILITIES -- ONE OPERATIONS BUILDING. NO AIRCRAFT OBSERVED. 25X1A 25X1D	0437S 02136E	1028	25X1A [REDACTED]	8
LULUABOURG AIRFIELD 3 NM EAST OF LULUABOURG. NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] AIRCRAFT -- ONE C-54, ONE C-47, ONE L-21, ONE PIPER CUB, AND ONE DERELICT. 25X1A 25X1D	0553S 02228E	1028	25X1A [REDACTED]	3-A
FESHI AIRFIELD 4.0 NM EAST OF FESHI. 2,500 X 150 FT NE/SW GRADED EARTH RUNWAY, SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED. 25X1D	0603S 01805E	1028		16
BAKWANGA AIRFIELD JUST NW OF BAKWANGA. 4,600 X 100 FT NNW/SSE ASPHALT RUNWAY, SERVICEABLE, ONE 300 X 300-FT GRADED EARTH PARKING APRON AND ONE 65-FT WIDE TAXIWAY. FACILITIES -- ONE ADMINISTRATION BUILDING	0607S 02334E	1029	25X1A [REDACTED]	6

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A 25X1D	AND 3 OTHER BUILDINGS. AIRCRAFT -- ONE TWIN-ENGINE BEECHCRAFT. [REDACTED]				
25X1D	PORTS AND HARBORS KINDU PORT FACILITIES ON EAST EDGE OF KINDU AND 27 NM SSE OF LOKANDU. NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] VESSELS -- 18 LARGE RIVER BARGES AND 18 SMALL BARGES. INCOMPLETE PHOTOGRAPHIC COVERAGE. [REDACTED]	0256S 02555E	0933	25X1A [REDACTED]	4-A
25X1D	BUKAVU PORT FACILITY ON SOUTHERN EDGE OF LAKE KIVU. AREA 0.8 NM SOUTH OF THE SHIP REPAIR FACILITIES (REPORTED ON [REDACTED]) CONTAINS ONE 275 X 20-FT WHARF UNDER CONSTRUCTION, A SECOND WHARF AREA 150 FT LONG, 2 LARGE AND 4 SMALLER WAREHOUSES, 2 ADMINISTRATION BUILDINGS, AND A LARGE OPEN STORAGE AREA. VESSELS -- 24 BULK CARGO BARGES (6 SELF- PROPELLED). INCOMPLETE PHOTOGRAPHIC COVERAGE. [REDACTED]	0229S 02851E	0933	25X1A [REDACTED]	13
25X1A 25X1D	STORAGE LULUABOURG PETROLEUM PRODUCTS STORAGE AT EASTERN EDGE OF LULUABOURG.	0554S 02228E	1028	25X1A [REDACTED]	3-F

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>INSTALLATION CONTAINS 4 LARGE VERTICAL TANKS, 2 LARGE HORIZONTAL TANKS, A PUMPING STATION, OPEN STORAGE, ONE STORAGE BUILDING AND 5 OTHER BUILDINGS.</p> <p>25X1D [REDACTED] 25X1D</p> <p>URBAN COMPLEXES</p> <p>BAKWANGA COMPLEX</p> <p>COMPLEX IS PRIMARILY RESIDENTIAL AND CONTAINS AN AIRFIELD, LIGHT INDUSTRY AND MINING ACTIVITY</p> <p>25X1A [REDACTED] 25X1D</p> <p>25X1D [REDACTED] 25X1D</p> <p>-RWANDA-</p> <p>AIR INSTALLATIONS</p> <p>KAMEMBE AIRFIELD</p> <p>AT KAMEMBE AND 3 NM NORTH OF SHANGUGU. NO APPARENT CHANGE IN FACILITIES SINCE</p> <p>25X1D [REDACTED]</p> <p>25X1D [REDACTED]</p> <p>AIRCRAFT -- ONE SMALL TWIN-ENGINE AND ONE SMALL SINGLE-ENGINE.</p> <p>25X1A [REDACTED] 25X1D</p> <p>25X1D [REDACTED] 25X1D</p> <p>ASTRIDA AIRFIELD</p> <p>AT NW EDGE OF ASTRIDA.</p> <p>2,750 X 60 FT EAST/WEST PROBABLY GRADED EARTH RUNWAY, SERVICEABLE, A TURNING</p>	<p>0609S 02336E</p> <p>0227S 02854E</p> <p>0235S 02943E</p>	<p>1029</p> <p>0933</p> <p>0933</p>	<p>25X1A [REDACTED]</p> <p>25X1A [REDACTED]</p> <p>25X1A [REDACTED]</p>	<p>6-A</p> <p>9</p> <p>10</p>

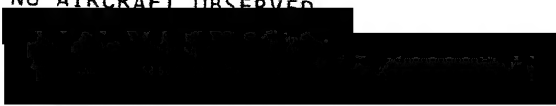
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25X1A
25X1D

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>CIRCLE AT WEST END OF RUNWAY, A 180-FT OVERRUN AT EAST END OF RUNWAY AND ONE PARKING APRON. FACILITIES -- ONE SMALL ADMINISTRATION/ MAINTENANCE BUILDING. NO AIRCRAFT OBSERVED.</p> 				

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SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	-CONGO (LEOPOLDVILLE)-			25X1A	
	MILITARY INSTALLATIONS				3-C
25X1A	LULUABOURG ARMY CAMP	0554S 02225E	1028		
25X1D					
25X1A	LULUABOURG ARMY BARRACKS CAMP ROLLIN	0554S 02226E	1028		
25X1D					
25X1D	LULUABOURG MILITARY ACADEMY	0555S 02227E	1028		3-E
	BASIC SERVICES				
25X1A	LULUABOURG RAILROAD YARDS	0553S 02225E	1028		3-D
25X1D					

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
URBAN COMPLEXES LULUABOURG COMPLEX 	0554S 02225E	1028	25X1A 	3

25X1A

25X1D

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number

0907-15-A and an NPIC target number 0908-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Over-head Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); O (obliquity); and PQ (poor image quality).

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